

**Karnataka State Council of Science and Technology**  
Indian Institute of Science Campus, Bengaluru 560012.

**Expressions of Interest**

**Establishing SHG/FPO-enterprises to address malnutrition and provide rural livelihoods in Yadgir District, Karnataka**

**Background :**

India, one of the largest fruit and vegetable producers in the world loses 20-30% production due to spoilage and post-harvest losses because of lack of primary processing facilities, fuel-efficient post-harvest technology and hygienic storage facilities. India also has high rates of undernutrition, anaemia and micronutrient deficiency among children and women, the Indian adolescent girl being the most undernourished in the world. 30% babies are born of low birth weight (LBW) and 1/3 women have low body mass index. Infant, child and maternal mortality rates are extremely high at \*41, 50, and \*\*122 respectively. Adolescent & maternal undernutrition and LBW babies are intergenerationally linked. LBW and undernutrition of children cause at least 60% infant mortality. Undernutrition and anaemia among women are major causes of maternal mortality.

The Strategy Paper of the Karnataka Comprehensive Nutrition Mission advocates linkages between agriculture and nutrition at the village level to address malnutrition in the community. This linkage can also provide SHGs/FPOs with opportunities for Innovative Farm Based Enterprises, and increase their livelihoods and incomes, and address the high levels of undernutrition and micronutrient deficiency in the community.

This problem is prevalent all over the country. The problem is well documented by several surveys conducted by government and Industrial organizations like FICCI.

It is important to solve it to prevent wastage of valuable and nutritious horticulture produce, which is valued at Rs 40811crores according to Government sources provide nutritious horticulture produce to the community, prevent and address malnutrition and increase earnings of rural families, and provide livelihoods and increased income to SHG women and FPOs.

India continues to lose valuable agricultural and horticultural produce through wastage in the absence of supply chains from the harvest till the sale. So far the Government has been implementing schemes of food parks and cold chains, but they have not been able to cover many parts of India especially the most backward. Cold chains are energy and capital intensive; hence their coverage will take a long time to reach the small and marginal farmers.

In the absence of primary processing facilities for preservation or processing, it is to be expected that the wastage of Horticulture produce will continue unless simpler methods using alternative source of energy and more decentralized operations at the grassroots for processing and preserving the Horticulture produce are introduced.

To fill this technology gap, it is proposed that on a pilot basis the Aspirational District of Yadgir which according to our information has not a single food processing unit, would start horticultural food processing units through their SHGs and attempt to save much of the

horticulture produce which would have gone waste and also would not be energy dependent but would use simple intensive and environmental friendly energy. This would fill the huge technology gap which is prevailing in our country especially in the most backward and forest areas, and prevent wastage.

### **Specific Objectives**

1. Provide livelihoods to SHGs/FPOs through Innovative Farm Based Enterprises, Value Chains and Market Linkages.
2. Address malnutrition in the community and provide nutrition security and improved nutritional status of the rural poor during lean season.
3. Prevent wastage of fruits and vegetables, reduce losses during glut season, arrest distress sales and reduce market risks.
4. Provide cash income to the SHGs/FPOs and contribute to their economic empowerment.
5. Build capacity of FPOs/SHGs, improve the quality of life of women through value added income generation and marketing of nutritive horticultural products preserved/dehydrated/processed through fuel efficient, green energy

### **Project Description:**

#### **Project period:**

This project will be implemented in Yadgir District, Karnataka over a period of three years.

#### **Project Beneficiaries:**

Project will benefit people from SC community including framers and landless people. It will also assist SHG/FPOs in providing livelihood, economic empowerment and address malnutrition in the community, particularly during lean season.

#### **Project components:**

The major components of this project are:

- Creating livelihoods for SHG/FPO through innovative farm based enterprise and economic empowerment

This component will provide livelihoods to SHG women and FPOs by involving them as owners of the enterprises, and will do the procurement, processing, distribution and sale of final product. Capacity building support will also be provided to SHG/FPO for marketing of nutritive horticultural products which will be preserved/dehydrated/processed through fuel efficient green energy, which will create value added income generation to SHG/FPO. The implementation of this component will be the responsibility of the NGO that will be contracted for this purpose. The contracted NGO will identify SHG/FPO in the villages for procurement, processing, distribution and sale.

#### **Selection criteria of NGOs:**

The selection of the NGOs for implementing the project will be based on the following criteria:

- The NGO should be registered as a suitable legal entity (societies act, trust act, companies act, etc)
- The NGO should have a total turnover of not less than Rs 100 lakhs in the last three financial years and not less than Rs.20 lakhs in any one of the last three years (Audited Statements from Chartered Accountants should be submitted along with Income Tax returns).

- The NGO should have an excellent track record and credentials.
- The NGO should have experience working in the rural areas for a minimum period of 8-10 years
- The NGO should have experience of partnership with Central and State Government in execution of Agriculture/Horticulture/Nutrition/Health/Social Development/Rural Development Projects.
- The NGO should not be involved in any case of financial irregularities.
- The NGO should have a strong presence in Karnataka and in the Project District (Yadgir)
- The NGO should have experience in capacity building of the community on Agriculture, Health, Nutrition and Rural Development aspects.
- The NGO should possess extensive experience in system strengthening processes by coordinating with Government line departments and technical agencies
- The NGO should possess extensive experience in Project data management, reporting and documentation

**Time line for submission of EOI:**

The last date for submitting the EOI (expression of interest) with a detailed profile of your organization is (please refer the attached sheet). Please be informed that EOI should be sent to the following address within 15/02/2021 for details visit the **website: [www.kscst.iisc.ernet.in](http://www.kscst.iisc.ernet.in) and [www.kscst.org.in](http://www.kscst.org.in)**

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## NGO / Organization Profile

Sl. No.	Particulars	Remarks
1.	Name of the Organization	
2.	Address	
3.	Organization chief functionary and members of Organization	
4.	Details of organization registration with allotted numbers	
5.	Other legal certification your organization possess	
6.	Details of the organization staff	
7.	Present operation area	
8.	Details of the projects presently being implemented and during the last three years ( name of the project, Donor, Budget, target group, project area, sectors/sub sectors focussed)  More focus needs to be given on the Agriculture/ Health/ Nutrition related projects implemented by your organization	
9.	Major achievements of the organization during the last three years	
10.	Details of the organization staff, qualification, designation and responsibilities	
11.	Organization assets	
12.	Audited and financial statements for the last three years	

### **Responsibilities of NGO Partner:**

1. Market Survey and Horticulture Survey- survey details will be provided by KSCST and KCNM
2. Identification and Strengthening of SHGs
3. Training of SHG regarding reducing Malnutrition and the value and benefit of the product for families and community – Training Module will be provided by KCNM
4. Marketing of Product – Marketing Strategy will be finalized by KCNM/KSCST
5. Handholding of SHGs for production and marketing.
6. Solving problems at local, block and district level.
7. Any other arising or relating to any of the above.